

INTEROFFICE MEMORANDUM

Date: November 24, 2009
To: Earl R. Lloyd
From: Richard Silvey, AHERA Asbestos Building Inspector
Subject: ASBESTOS GOOD FAITH INSPECTION FOR MO-405, MO-840, MO-104, 272-E, 275-E, 2734-EA, 2701-M

References:

Below is a Good Faith Asbestos inspection report requested by; Earl R. Lloyd

This report is for the following facilities; MO-405, MO-840, MO-104, 272-E, 275-E, 2734-EA, 2701-M.

The inspection was completed on this date: 11/24/09

The report contains updated information regarding the types of Asbestos Containing Materials (ACM) and Presumed Asbestos Containing materials (PACM), found during the inspection.

THIS REPORT IS INTENDED FOR THE PURPOSES OF PRELIMINARY IDENTIFICATION OF POTENTIAL ACM OR PACM, IN PREPARATION FOR DEMOLITION ACTIVITIES.

OSHA and EPA regulations separate commonly found ACMs into three general categories:

- *Surfacing Materials (SM):* Spray-applied or troweled-on surfacing treatments installed for the purposes of fireproofing, acoustical insulation, or architectural finishes. Examples of this category include structural fireproofing and various plasters.
- *Thermal System Insulation (TSI):* Insulating materials associated with heating, ventilation, and air conditioning (HVAC) equipment with the purpose of reducing heat gain or loss. Examples include pipe insulation, boiler insulation, tank insulation, and duct insulation.
- *Miscellaneous Materials:* All remaining ACMs used in construction, which are not characterized as surfacing materials or TSI. Common examples include floor tile, electrical insulators, cement-asbestos board materials, and gasket material.

Results of the Good Faith Inspection, for MO-405, MO-840, MO-104, 272-E, 275-E, 2734-EA, 2701-M, are listed in the below categories. Please review each category for the type of ACM or PACM and the identified recommendations (if any).

THERMAL SYSTEM INSULATION (TSI)

TSI is known or presumed to contain ACM:

- Tanks, vessels and piping have been identified as potentially having ACM or PACM in the insulating materials.
- Some vessels and piping have the potential of containing ACM/PACM gasket material(s).

SURFACING MATERIALS

None Found

MISCELLANEOUS MATERIALS

- Wall board, in some locations, may be Cement Asbestos Board (Transite)
- 272-E, 275-E & 2107-M siding material may be Cement Asbestos Board (Transite)
- Floor coverings, in some locations, may be ACM or PACM

The miscellaneous products are not going to be sampled and therefore are considered to be Possible Asbestos Containing Material (PACM).

Recommendations:

Based on previous successful demolition projects removal of all TSI ACM/PACM is recommended, prior to the demolition process (to the best extent possible). I recommend the same methods be used for the removal of ACM/PACM materials identified using gross removal or glove bag methods, with wetting agents during the removal process. All OSHA safety regulations must be followed.

The EPA under NESHAP defines Cement Asbestos Board (Transite) and the other miscellaneous materials and specifies them as a Class 2 material. Based on previous successful demolition projects leaving these products in place, I recommend the same methods be used and the ACM/PACM materials identified be demolished with the building using wetting agents during the demolition process. All OSHA safety regulations must be followed.

Disclaimer:

This inspection was performed by a Certified AHERA Building Inspector, but was not conducted to public and commercial building standards. Accordingly, the term “inspection” is defined to mean those activities undertaken to determine the presence, or location or to assess the condition of friable ACBM or suspected ACBM, whether by visual or physical examination or by collecting samples of said materials. This applies only to areas accessible during the inspection where access was allowed.

If you have any questions, feel free to contact me at 373-2545.

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